EXPERIMENTAL CLASSROOM
Fourth Street Academic Technology Center

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General Overview

The *Fourth Street Academic Technology Center's experimental classroom, (FSATCEC*) is designed as an active learning and teaching environment. The technologies integrated into this learning space have been selected to encourage student and instructor engagement, foster collaboration and facilitate a constructivist (constructionist) approach to teaching and learning.

The classroom, designed for flexibility and ease of use, supports a broad range of teaching and learning styles. A major component and focus of activity in the classroom is the *Presentation Wall*. A 65" interactive *SmartBoard,* powered by an *Apple Mac Pro networked* computer offers a dynamic and recordable collaborative workspace. An open area in front of the *Presentation Wall*, invites all 25 students to join with the instructor and actively share ideas and discoveries. Annotate, notate, capture and record board activity using the *SmartBoard Tools*. Captured material can then be archived in a Course Management System (CMS) or Learning Management System (LMS), e.g. Blackboard, for later review and reflection.

The *Presentation Wall* includes a rich array of *multimedia* devices and work surfaces, mounted on articulating arms that enable the presenter, faculty, student or guest speaker, to shape the presentational space according to his or her instructional requirements and teaching style.

Presentation Wall activity can be projected out into the middle of the classroom where two opposing wall-mounted plasma displays, are located. Using the wireless *Keyboard* and *Mouse* and/or the *Crestron remote control* the focus of learning can be shifted into the classroom enabling the centers of learning to shift around the room.

The *Crestron remote control* provides simple push-button control of the multimedia devices available in the classroom. By default the *Presentation Wall* activity (video and audio) is mirrored on the two HD displays in the center of the classroom. The presenter has the capability to display *SmartBoard* computer activity on the *Presentation Wall,* display an attached *Laptop* computer on the second display, and a DVD movie on the third.

The two *wall-mounted plasma displays* are multi-purpose. Firstly, they are used to mirror the activity of the *Presentation Wall*. Secondly, they are *game console* displays. Thirdly, they can be as a large display area for group and team collaborations and presentations.
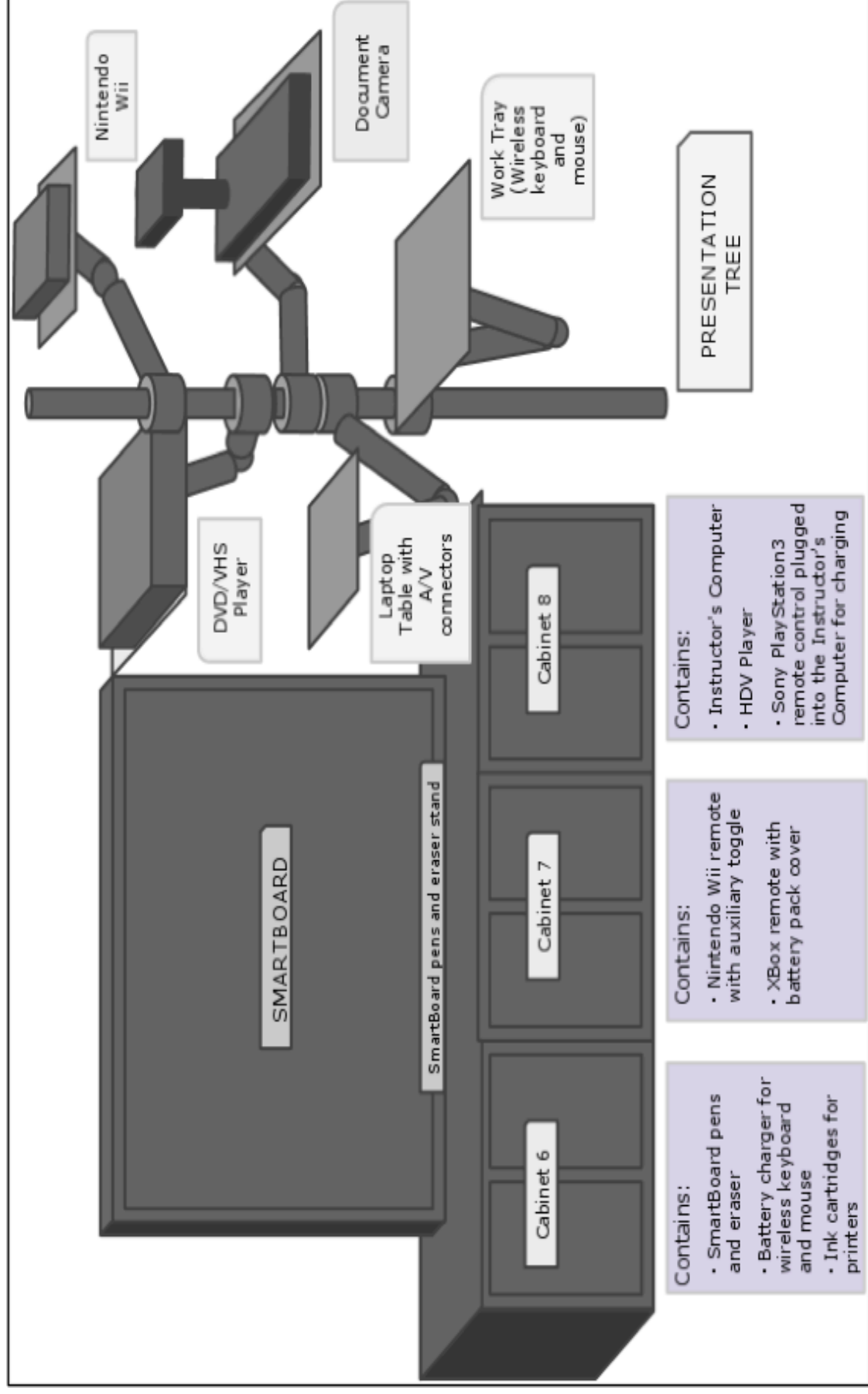
Desktop management software allows presenters, working at the *Presentation Wall*, to display *SmartBoard* computer activity on one or more of the 25 student computers in the classroom. All of the 25 student computer desktops may be actively displayed on the presentation wall (simultaneously) facilitating impromptu learning moments.

Two *round tables* located in the center of the classroom provide physical breakout spaces and space for student laptops and the wireless Crestron remote control and the wireless keyboard & mouse.

An online *Computer Classroom Reservation Form* must be submitted to reserve an ITS Student Technology Services' experimental classroom, http://www.nyu.edu/its/classrooms.

CLASSROOM SET UP AND SHUT DOWN

Preparing the Classroom at the Start of the Day

Nintendo Wii

Document Camera

Work Tray (Wireless keyboard and mouse)

PRESENTATION TREE

DVD/VHS Player

Laptop Table with A/V connectors

SMARTBOARD

SmartBoard pens and eraser stand

Cabinet 6

Cabinet 7

Cabinet 8

Contains:
· SmartBoard pens and eraser
· Battery charger for wireless keyboard and mouse
· Ink cartridges for printers

Contains:
· Nintendo Wii remote with auxiliary toggle
· XBox remote with battery pack cover

Contains:
· Instructor's Computer
· HDV Player
· Sony PlayStation3 remote control plugged into the Instructor's Computer for charging

Presentation Wall

The lab assistant or lab tech assigned to the MM2 Classroom is in charge of the Library and MM3 as well.

The classroom key (MM2) and the library key (CAB 1) are in the same key-chain and must be carried by the person in charge for the duration of the shift. The keys are in the key box behind the front desk.

The classroom air conditioner must be turned on at least one hour before the first class of the day to give the classroom sufficient time to cool down.

The classroom setup procedure must begin at least 15 minutes before a class' scheduled meeting time. At the end of this procedure, the Mac Pro Tower on the Presentation Wall is mirrored on the two side displays by default.

The following procedures must be performed in step order.

Step 1: Unlock the classroom and turn on the classroom lights.

Step 2: Unlock Cabinet 6 and Cabinet 8 with the classroom key. Cabinet 6 contains the SmartBoard markers and eraser, Apple wireless keyboard and mouse and their battery chargers. These will be needed during the setup procedure.

Step 3: Place the four SmartBoard markers and the eraser in their designated spots on the SmartBoard main display.
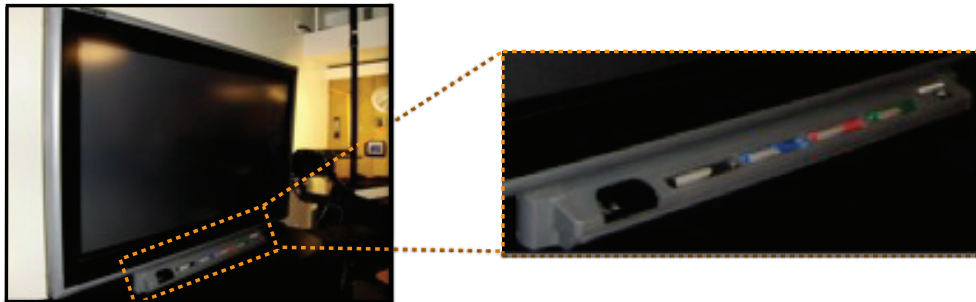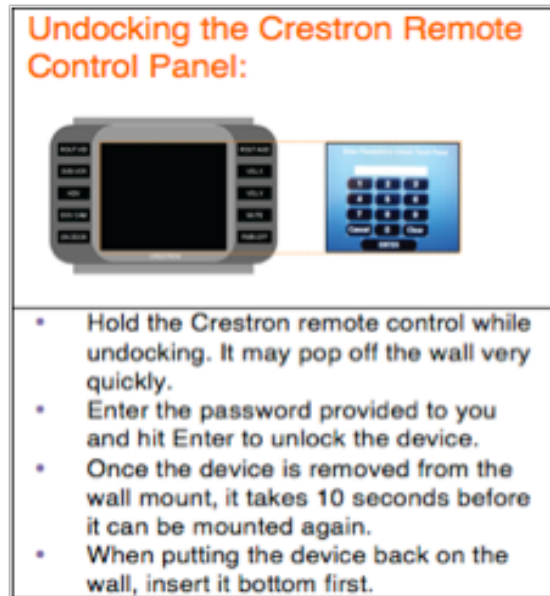

Step 4: Turn on the Apple wireless keyboard and mouse by flipping the switches on the bottom of the devices.
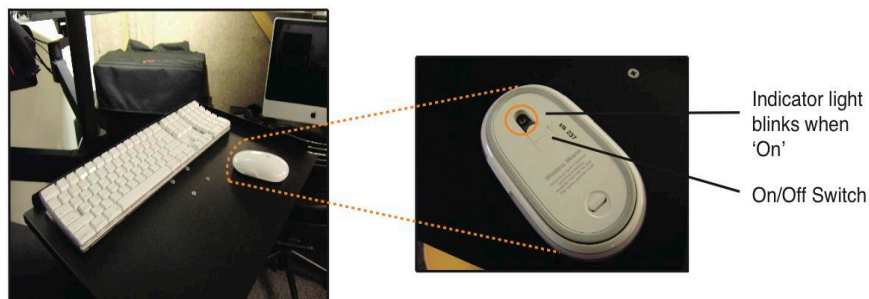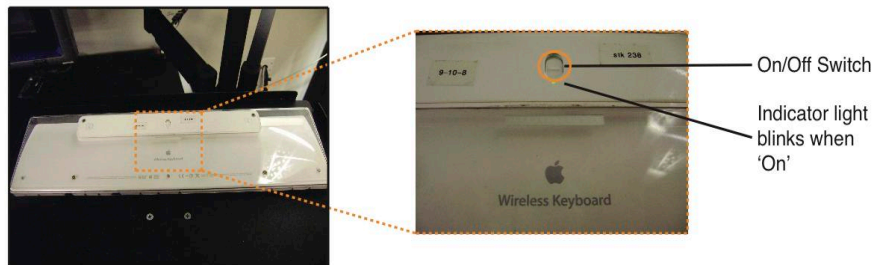
The wireless keyboard and mouse will not turn on if their batteries are out of charge. Batteries are available in Cabinet 6. Place the mouse and keyboard on the work tray on the Presentation Tree.

Step 5: The Crestron remote control is mounted on the north wall, to the right of the SmartBoard main display. Undock it and place it on the round table, closer to the Presentation Wall.

Undocking the Crestron Remote Control Panel:

- Hold the Crestron remote control while undocking. It may pop off the wall very quickly.
- Enter the password provided to you and hit Enter to unlock the device.
- Once the device is removed from the wall mount, it takes 10 seconds before it can be mounted again.
- When putting the device back on the wall, insert it bottom first.

Step 6: Secure the A/V laptop connectors to the laptop tray.

The Mac Pro tower is in Cabinet 8. Press the power button on the Mac Pro Tower to turn it on.

Step 7: The Mac Pro display preferences are set to *1280 x 768 @ 60Hz* for optimal display to the Presentation Wall.

Touch the Crestron remote control's start-up screen to begin. If the screen is black, touch the screen to wake the panel up.

When the screen says "Press to begin…" tap anywhere on the screen to start up the system. This powers up the SmartBoard display.

NOTE:
Video on the SmartBoard is displayed on the side displays by default.

Step 8: Uncover and unfold the document camera.

Step 9: Ensure that the instructor's stool is in place.

Step 10: Position the Presentation Tree based on any class requirements that you know of.

Step 11: Check the classroom temperature and turn off the air-conditioner if the classroom is sufficiently cool.

Step 12: Straighten all classroom chairs and turn on individual workstations.

Step 13: Greet faculty and offer to help them set up.

Restoring the Classroom Between Classes

Begin this process 15 minutes before the designated class time. If the room is in use by individual students allow a half hour interval to clear the room and restart the computers.

NOTE:
If there is less than a 15-minute interval between classes, wait till the class in session leaves and begin this process immediately at the first opportunity.

In the meanwhile, ensure that students for the next class wait in the outside lobby and don't crowd the area outside the classroom.

Step 1:   Use Remote Desktop to restart the workstations. (See pg. 10-11 and click on Manage → Select Resta**r**t)

Step 2:   Turn off the gaming consoles and ensure that their remote controls and controllers are in Cabinet 7.

Step 3:   Restart the Instructor Computer (See pg. 11 and select Restart)

Step 4:   Perform a technology check, ensuring that all classroom technology is in working order. *Check: Keyboard and mouse batteries, status of printer ink and paper, the remote control batteries for all remote controls are charged etc.
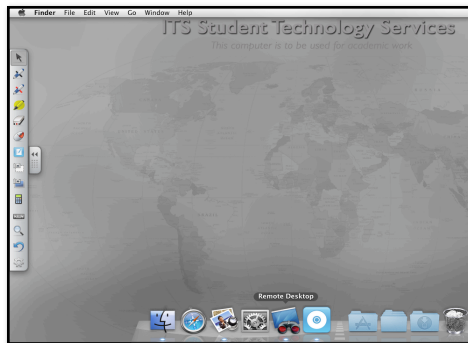
Step 5:   Straighten the chairs and tables in the classroom. Remove all items that do not belong in the classroom.

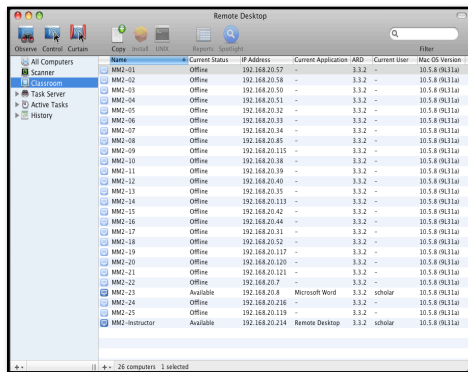Step 6:   Check the classroom temperature.

Step 7:   Greet faculty and offer to help them set up.

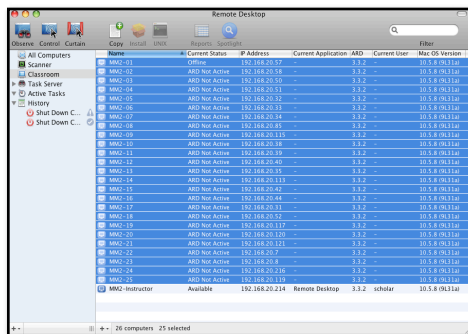# Turning off the Presentation Wall
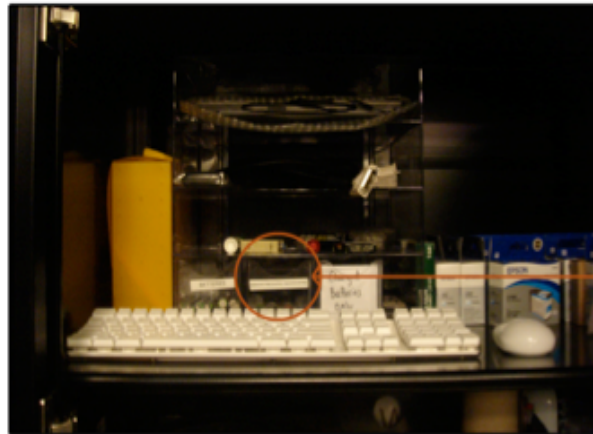
Step 1: Launch *Remote Desktop* from dock.

Step 2: Select *Classroom* from the list on the left.

From the list that appears on the right, select all the computers *except* the MM2 Instructor Computer.

Turn off the wireless keyboard and mouse and place them back in Cabinet 6.
Place all the SmartBoard pens and eraser back in Cabinet 6.

Place SMARTBoard
pens and eraser here

Step 6:   Insert the Crestron remote control back in its designated place on the wall to the right of
the Presentation Tree,

Step 7:   Hit the PWR-OFF button to power off the Crestron. Then tap over 'Yes' on the display
screen.
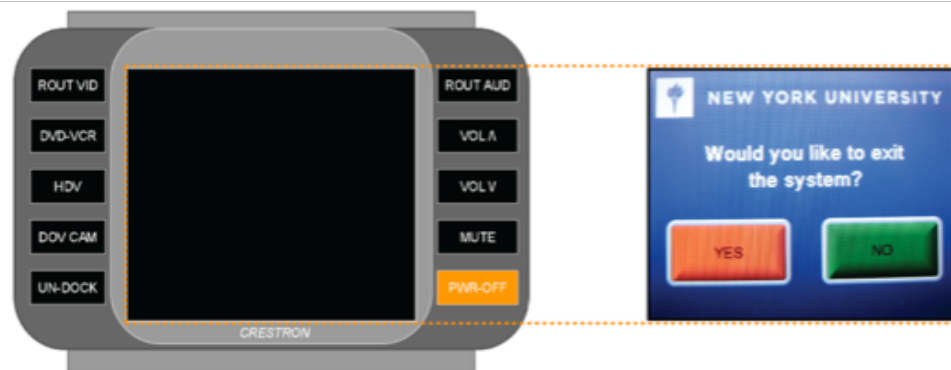
The "Press to Begin…" screen signals that the Crestron has been turned off.

Closing Down the Classroom

Step 1:   Fold down and cover the document camera.

Step 2:   Make sure the decks, arms and trays on the Presentation Tree are in their default position.

Step 3:   Turn off both printers and put on their covers.

Step 4:   Turn the classroom air conditioners off.
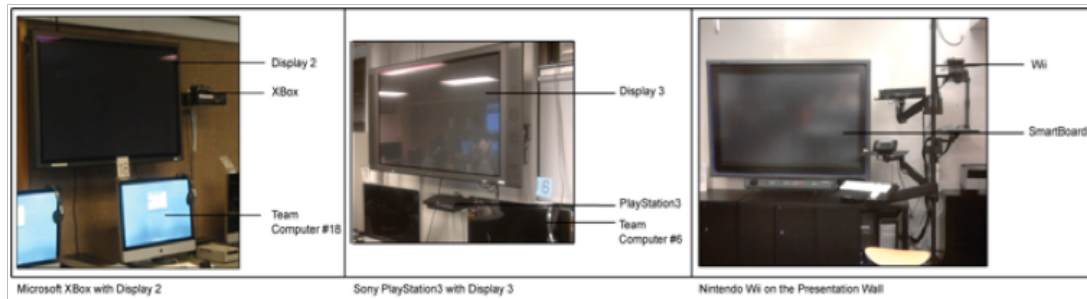
Step 5:   Turn all classroom lights off. The switch for the lights above the Presentation Wall is located on the back wall behind the SmartBoard.

Keep one bank of lights on the ceiling on for the security system.

Step 6:   Close and lock the classroom door

GAMING

The three gaming consoles are connected to their own display.

USING THE MICROSOFT XBOX

Step 1:   The XBox remote is located in Cabinet 7. A client can check out the XBox remote from the Academic Technology Center's Lending Library using their NYUCard.

Step 2:   If Display 2 is turned off, turn it on.

Step 3:   If the XBox console is turned off, turn it on. The Xbox console is physically mounted next to Display 2.

Step 4:   Select Input1B by pressing the Input Select button on the display or the remote control.

Step 5:   Press the Guide button on the XBox remote control to check the battery power level.

Step 6:   Begin playing.

NOTE:
The batteries for the Xbox remote control are in Cabinet 6.

USING THE SONY PLAYSTATION3

Step 1:   The PlayStation3 remote is plugged into the Mac Pro for charging. A client can check out the PlayStation3 remote from the Academic Technology Center's Lending Library using their NYUCard.

Step 2:   If Display 3 is turned off, turn it on.

Step 3:   If the PlayStation3 console is turned off, turn it on. The PlayStation3 console is physically mounted next to Display 3.

Step 4:   Select RGB3 by pressing the Input Select button on the display or the remote control.

Step 5:   Press the Guide button on the Sony PlayStation3 remote control to check the battery power level. To charge the PS3 remote control, plug the USB cable into the USB charger attached to the Mac Pro.

Step 6:   Begin playing. Audio will play through Display 3's speakers.

NOTE:
Audio will play through the computer's speakers or a plugged in headphone. Audio splitters can be checked out from the Lending Library in exchange for a NYUCard.

USING THE NINTENDO WII

Step 1:   The Nintendo Wii is mounted on the Presentation Tree.

Step 2:   The Wii remote with auxiliary toggle attachments (two parts) are in Cabinet 7. A client can check out the Wii remote from the Academic Technology Center's Lending Library using their NYUCard.

Step 3:   Press the ROUT VID (Route Video) button on the Crestron.

   I.   Select Source (Input): Press Aux 1, to select the Wii game console.
   II.   Select Destination (Output): press SmartBoard, to display the game on the Presentation Wall.

Step 4:   Press the ROUT AUD (Route Audio) button.

   I.   Select Audio Source (Input): Press Aux 1, to select Wii game audio.

   II.   Audio Select Destination (Output): Press All Speakers to play audio on the four classroom speakers.

         *Refer to Appendix III and IV for more details.

Step 5:   Check the battery power level by looking at the battery indicator on the Wii remote control.

Step 6:   The Wii Sensor is located on the Presentation Wall, below the SmartBoard display.

Step 6:   Begin playing.

NOTE:
The batteries for the Wii remote control are in Cabinet 6.
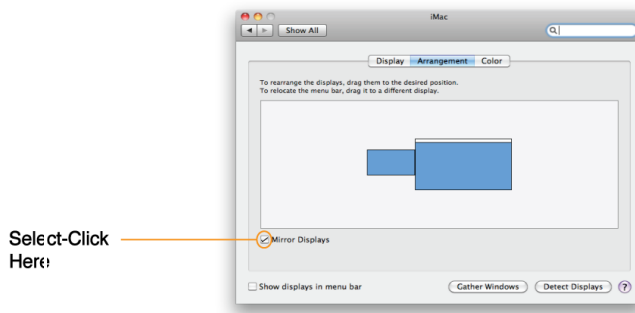
USING THE TEAM COMPUTERS

Display 2 and 3 are connected to an individual workstation each, enabling them to display the workstation that they are connected to. This converts the side displays to team computers allowing for group and collaborative activities.

USING TEAM COMPUTER #18 WITH DISPLAY 2:

Step 1: If Display 2 is turned off, turn it on.

Step 2: Select Input1A by pressing the Input select button on the Display or the Remote Control.

Step 3: Set the Team computer to mirror its Desktop on Display 2.

Select-Click Here

i. Open System Preferences
ii. Open the Display pane
iii. The resolution is set to 1080p (1920 X 1080)
iv. Select the Arrangement tab and select-click the Mirroring option
v. Close System Preferences

NOTE:
When moving the cursor from Team Computer #18 to Display 2, move the cursor to the Left for the cursor to show up on Display 2.

Audio will play through the computer's speakers or a plugged in headphone. Audio Splitters can be checked out from the Lending Library in exchange for a NYUCard.

USING TEAM COMPUTER #6 WITH DISPLAY 3:

Step 1:   If Display 3 is turned off, turn it on.

Step 2:   Select RGB1 by pressing the Input select button on the Display or the Remote Control.

Step 3:   Set the Team computer to mirror its Desktop on Display 2.

i. Open System Preferences
ii. Open the Display pane
iii. The resolution is set to 1080p (1920 X 1080)
iv. Select the Arrangement tab and select-click the Mirroring option
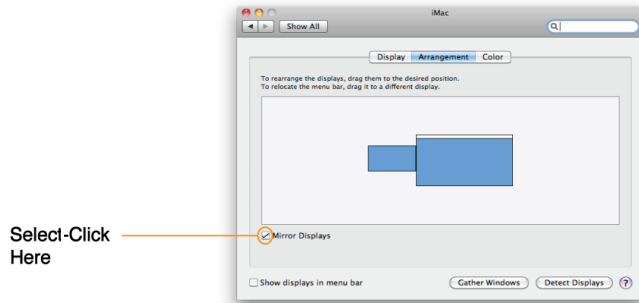v. Close System Preferences

NOTE:
Audio will play through the computer's speakers or a plugged in headphone. Audio Splitters can be checked out from the Lending Library in exchange for a NYUCard.

APPENDICES

TECHNICAL SPECIFICATIONS

Presentation Wall

Apple Mac Pro Tower

The Mac Pro controls the Presentation Wall's SmartBoard Interactive White Board. It is pre-configured to connect the NYU Network and is customized for presentational use. All the software applications including the SmartBoard tools and devices available to the presenter are installed on this computer.

Specifications:

> Model: A1289
> Hard Drive Storage: 640 GB Serial ATA/300 7200 rpm
> Memory (RAM): 3 GB
> Processor Speed: 2.6 GHz
> Processor Type: Xeon
> Controller: Serial ATA/300
> Graphics Controller: nVIDIA GeForce GT 120 512 MB GDDR3 SDRAM PCI Express x16
> Processor: 1 X Intel Xeon Quad-core 2.66 GHz

SmartBoard Interactive Overlay

The SmartBoard overlays a1080p flat-panel plasma display. It is the desktop display for the Presentation Wall's Mac Pro computer adding touch screen capabilities to the underlying plasma display.

Specifications (Smart Technologies Overlay):
> Model: PA365
> Resolution: 1280 X 768, 60 Hz
> Dimensions: Interactive Whiteboard- 66 5/8" (W) X 42 1/8" (H) X 2 3/8" (D), Pen Tray- 3 5/8" added to the interactive whiteboard's height, 2" added to the interactive whiteboard's depth

Specifications (Panasonic Display):
> Model: TH65PH10UK
> Serial No.: MG81270215

Dry Erase Wall

The wall, behind the SmartBoard, doubles as a writeable and erasable surface, using dry erase markers. Markers are available in the Presentation Wall's Cabinet 6.

Specifications:
> Paint Brand: Rust-Oleum- Specialty Dry Erase

Apple Wireless Keyboard & Mouse

The wireless keyboard and mouse can be used from anywhere in the classroom. They are usually positioned on one of the two work trays.

Specifications:
> **Wireless Keyboard Specifications:**
> Model: A1016
> Batteries: Three rechargeable AAA batteries

Wireless Mouse Specifications:
Model: A1015
EMC No.: 1938
Batteries: Two rechargeable AA batteries

Crestron Remote Control Panel

The Crestron Remote Control Panel is mounted on the wall to the right of the Presentation Tree. It controls the video and audio devices available on the Presentation Wall. During a class the Remote Panel is removed from its wall mount and positioned on the Presentation Tree.

Specifications:
Model: TPS4000LW

Presentation Tree

Wolfvision VZ- 8LightDocument Camera

The VZ-8Light, displays and records flat documents and three-dimensional objects, using a video camera (720p). It is mounted on the *Presentation Tree*. The document camera may be controlled in one of two ways: Via the Crestron Control Panel (providing a high resolution image); or Using the camera's proprietary software installed on the Presentation Wall's computer (includes video and image capture capabilities).

Specifications:
Model: VZ-8Light3
Serial No.: 1010050
Resolution: SXGA- (1280X960)
Weight: 11 lbs

Sony VCR/DVD Player

The dual VCR/DVD deck is controlled through the Crestron Control Panel. It is mounted on the *Presentation Tree*. VHS tapes only display on the two opposing wall-mounted HD Displays (composite/RCA card), not on the Presentation Wall. DVDs will display on any one or all of the displays in the classroom.

Specifications:
Model No.: SLV-D380P (2187172 8B)
Serial No.: SLV-D380P
Dimensions: (Approx) 16.9" X 3.4" X 11.3"
Weight: (Approx) 7.94 lbs

Video Features:
DVD Playback: Yes
DVD+R Read Compatibility: Yes
DVD+RW Read Compatibility: Yes
DVD-R Read Compatibility: Yes
DVD-RW Read Compatibility: Yes

Laptop tray with AV Connectors

Laptops connected to the Presentation Wall are controlled through the Crestron Control Panel. The tray is mounted on the *Presentation Tree*. Place the laptop on the Laptop tray and connect the VGA cable to the laptop using one of the many adapter cables available on the tray. An audio connector is also available on the tray.

Specifications:
Size: 17" (W) X 10" (L)

Work Tray

This work tray is mounted on the *Presentation Tree*. The articulating arm extends 42" and provides the presenter with a workspace that is adjustable. The extension allows the presenter face both the Presentation Wall and the classroom more easily. Both the laptop tray and work tray can be used in conjunction with each other to create a multi-level work surface.

Specifications:
  Size: 20.5" (W) X 14" (L)

A stool is available for sitting.

Wall-Mounted Displays (Mid Room)

Plasma Display (Display 2) 1080p and Plasma Display (Display 3) 720p

These are the two side display monitors that display from a variety of media: the SMARTBoard, the document camera, DVD/VHS player etc., game consoles etc.

Display 2 Specifications:
  Display Type: Panasonic High Definition Plasma Display
  Model No.: TH-50PH50UK
  Serial No.: LG1980073

Display 3 Specifications:
  Display Type: Sony High Definition Plasma Display
  Model No.: PX-50X5A
  Serial No.: 6500402 9M

Game Consoles

Nintendo Wii- V3, Sony PlayStation 3 and Xbox 360 Game Consoles

These game consoles allow for a variety of games to be displayed and played in the classroom. This is geared towards interactive game design education.

The Xbox 360 displays on Display 2, the PlayStation 3 displays on Display 3 and the Nintendo Wii- V3 displays on the Presentation Wall.

Instructional Software

Apple Remote Desktop (ARD)

Allows for work on the individual workstation screens to be displayed on the presentation wall. Additionally, it allows for remote access to the student workstation from the instructor's computer. The student workstation can be displayed on the presentation wall. Files can be copied between the student workstations and the instructor's computer. This tool also enables the instructor to send out documents and files to student workstations.

SmartBoard Notebook Tools

This is a presentation application that provides instructional tools to build better lessons that can later be archived. Presenters can use the drawing tools with clipart, capture snapshots of the Presentation Wall, record screen activity and even record audio to build and archive an entire class discussion.

Student Computer Workstations

27" IMacs
Students have access to 25 personal workstations.

7 Sony DSR-11 DV Decks
These enable users to digitize DV footage as well as make and copy DV tapes of their edited work.

Specifications:
> Model: DSR-11
> Recording Format: DVCAM/DV (SP) format, rotating 2-head helcal scan digital component recording
> Media: NTSC and PAL Compatibility
> Usable cassettes: Standard-DVCCAM cassettes and Mini-DVCAM cassettes

Sony HDMI- Progressive Deck- HDV, DVCCam and DV
This deck allows users to digitize HDV, DVCCam or DV footage as well as make taped copies of their edited work on either format. A display screen on the deck gives users a quick view of the contents of the tapes.

Specifications:
> Model: HVR-M25AU
> Dimensions: 8 3/8" (W) X 3 ½" (H) X 15 3/8" (D)
> Media Specifications: Type- DV cassette X1 (mini / standard compatible)

2 Sony Trinitron Color Video Monitors
These monitors display what is played on the DV and HDV decks. They are useful for calibrating color when color-correcting video footage.

Specifications:
> Model: PVM-14N5U
> System: NTSC, PAL, SCAM, NTSC 4.43 (automatically selected)
> Dimensions: 13 5/8 (W) X 13 3/8 (H) X 16 5/16 (D)
> Screen Size (Viewable Area): 13 1/8" (Measured diagonally)

Samsung HDTV Monitor
This monitor displays HD footage played on the HDV deck or as a secondary display for the student workstation. It is useful for calibrating color when color-correcting HD footage.

Specifications:
> Model: P2370HD
> Model Code: LS23EMNKVY/ZA
> Color Display Unit: Type No.: EM23TS
> Screen Size: 23"
> Resolution: 1920X1080
> Dimensions: (with stand) 22.5" X 17" X 7.5"

5 Epson Perfection 4490-Photo Flatbed Scanners
Adjoining workstations are connected to a flatbed desktop scanner to scan and digitize paper documents.

Specifications:
> Part Number: B11B176011
> Max supported media size: 8.5" x 11.7"

Supported Media Type: Fil, Plain paper, Transparencies
Grayscale Depth: 16-bit (64K gray levels)
Color Depth: 48-bit color
Optical Resolution: 4800 dpi X 9600 dpi
Scan Element Type: CCD
Lamp / Light Source Type: Cold Cathode Fluorescent Lamp

25 Headphones

Each workstation is supplied with a pair of headphones enabling learners to play sound on their workstations and listen better without disturbing others and the classroom environment.

Specifications:
Model: Beyerdynamic DT231 Pro
Transducer Type: Dynamic
Length: 2.5 m / straight cable
Connection: Stereo jack plug (3.5 mm) and ¼" adapter (6.35 mm)

Printers:

Epson Stylus Pro 3800 InkJet Printer
Specifications:
Model: K141A
Unit ID No. 8474038
Printer Type: Ink Jet Printer
Measurements: 27.36" (W) x 10.28 (H) x 14.88" (D)
Max Resolution (B&W) 2880dpi X 1440 dpi
Max resolution (color) 2880 dpi X 1440 dpi
Total Media Capacity: 120 sheets

HP 9050dn Laser Printer

Specifications:
Product No.: Q3723A
Printer type: Laser Printer
Measurements: 39 (W) X 24.9 (D) X 23.6 (H)
Weight: 168 lbs
Print Quality (B&W): 600 X 600 dpi (with HP FastRes 1200 and Resolution Enhancement Technology)
Print Trays: 4
Input capacity, std: Up to 1100 sheets
Output capacity, std: Up to 600 (500 sheets face down, 100 sheets face up)

Ceiling Speakers

Specifications:
Model: JBLControl25

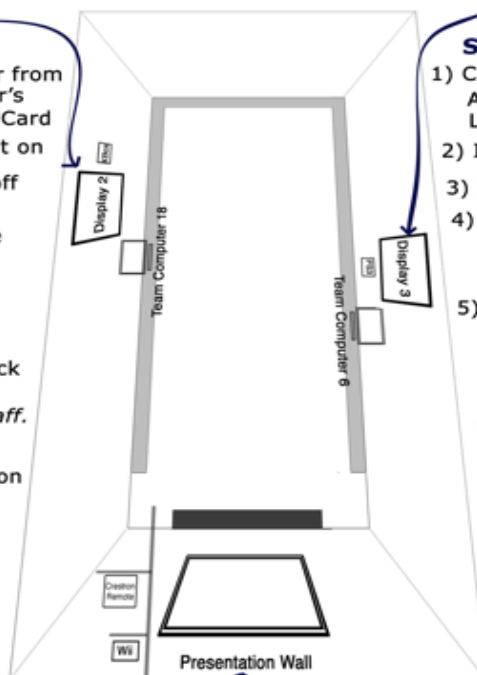# Team Computers and Gaming Consoles - Quickstart Guide

DISPLAY 2

MICROSOFT XBOX

1) Checkout the Remote Controller from the AcademicTechnology Center's Lending Library using your NYUCard

2) If Display 2 is turned off, turn it on

3) If the XBox console is turned off turn it on

4) Select *Input 1B* by pressing the *Input* Select button on the Display or the Remote Control (staff use only)

5) Press the Guide button on the XBox Remote controller to check battery power level. *Batteries are available. Ask staff.*

6) Begin *playing*. Audio awaits speaker installation

TEAM COMPUTER 18

1) If Display 2 is turned off, turn it on.

2) Select Input 1A by pressing the *Input* select button

3) Set the Team Computer to mirror its Desktop on Display 2.
   i. Open System Preferences
   ii. Open the Display pane
   iii. Set the resolution to 1080p (1920 X 1080)
   iv. Select the *Arrangement* tab and select-click the Mirroring option
   v. Close *System Preferences*

4) Audio will play through the computer's speakers or a plugged in headphone.

   Audio Splitters can be checked out from the Lending Library in exchange for an NYUCard.

PRESENTATION WALL

NINTENDO WII

1) Checkout the Remote Controller from the Academic Technology Center's Lending Library using your NYUCard.

2) Press the Rout Vid (Route Video) button
   i. Select Source (Input), press Aux 1 to select Wii game console
   ii. Select Destination (Output), press Smartboard, to display the game on the Presentation Wall

3) Press the Rout Aud (Route Audio) button
   i. Select Audio Source (Input), Aux 1 to select Wii game audio
   ii. Audio Select Destination (Output), press All Speakers, to play audio on the 4 classroom speakers.

4) Check the battery power level by looking at the battery indicator on Remote controller. *Batteries are available (AA). Ask staff.*

5) The Wii Sensor is located on the Presentation Wall, below the SMARTBoard display.

6) Begin *playing*.

DISPLAY 3

SONY PLAYSTATION3

1) Checkout the Remote Controller from the Academic Technology Center's Lending Library using your NYUCard.

2) If Display 3 is turned off, turn it on.

3) If the PS3 console is turned off, turn it on.

4) Select RGB3 by pressing the *Input* select button on Display or the Remote Control (staff use ony)

5) Press the Guide button to on the PS3 Remote Controller to check the battery power. *To charge, plug the USB cable into the USB hub on the Presentation Wall.*

6) Begin *playing*. Audio will play through Display 3's speakers.

TEAM COMPUTER 6

1) If Display 3 is turned off, turn it on.

2) Select *RGB1* by pressing the *Input* select button.

3) Set the Team Computer to mirror its Desktop on Display 3.
   i. Open *System Preferences*
   ii. Open the Display pane
   iii. Set the resolution to 1600 X 900 720p
   iv. Select the *Arrangement* tab and select-click the Mirroring option
   v. Close *System Preferences*

4) Audio will play through the computer or a plugged in headphone. Audio splitters can be checked out from the Lending Library in exchange for an NYUCard.

Important Note:
Reset all three displays to mirror the Presentation Wall's Smartboard.

On the Crestron Remote Control Panel:
1. Press the PWR-OFF button
2. Tap the Yes button on the Touch Screen to power off the system.
3. Tap the Touch Screen again

The system will reset the video and audio settings.

Labels in diagram: Display 2, XBox, Display 3, PS3, Team Computer 18, Team Computer 6, Crestron Remote, Wii, Presentation Wall

CONTROLLING MEDIA WITH THE CRESTRON REMOTE CONTROL PANEL: QUICKSTART GUIDE

1. To control Video source and Destinations, select ROUT VID

2. To control DVD/VCR settings, select DVD/VCR

3. To control HDV settings, select HDV

4. To control the Document Camera's settings, selects DOV CAM

5. Press this button to release the CRESTRON Remote Control Panel from the wall

6. To control Audio source and Destinations, select ROUT AUD

7. Turns Volume Up

8. Turns Volume Down

9. Mutes Audio

10. To power off the CRESTRON Remote Control Panel, press PWR- OFF
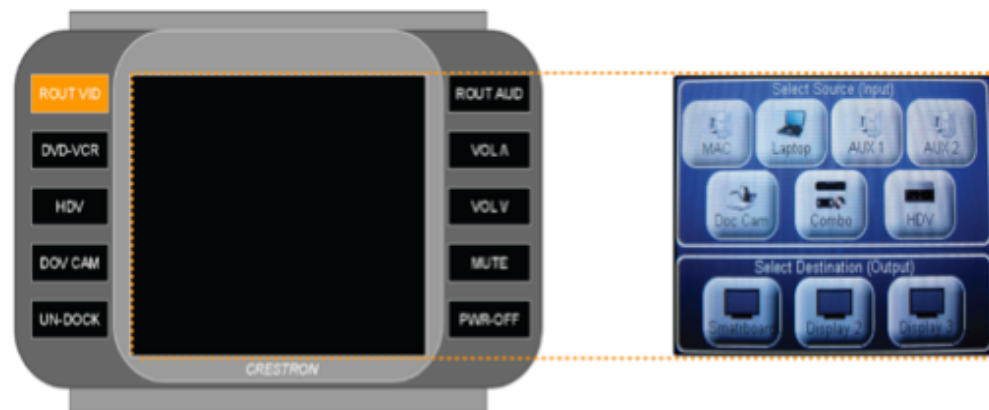
Tap anywhere to turn on

USING THE CRESTRON REMOTE CONTROL PANEL TO ROUTE AUDIO AND VIDEO

* Route Video (ROUT VID)

Adjusts Video Source Destinations.

Step 1: Press the ❶ ROUT VID button.

Step 2: Select an Input Source by clicking one of the options, or ❷ ❸ or ❹ and then select an Output Destination for the selected source.

The default setting is the MAC Instructor Computer (Input Source) directed to the SmartBoard Main Display, Display 2 and Display 3 (output destinations).

The Combo, DVD/VCR ❷ can ONLY be routed to Display 3.

If you want to route a laptop to the SmartBoard, select Laptop as the Input Source and SmartBoard as output destination.

* Route Audio (ROUT AUD)

Controls Audio Source and Destinations.

Step 1: Press the ❻ ROUT AUD button.

Step 2: Select the desired Audio Source, and then select the desired destination for the selected source.
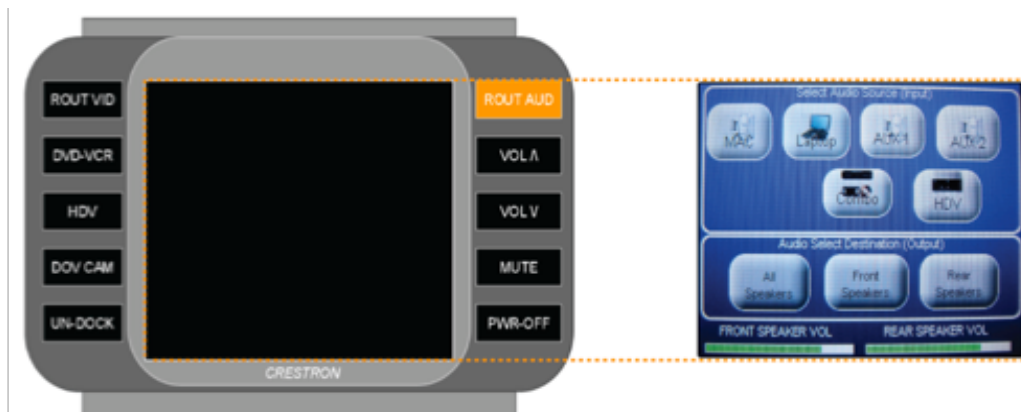
The default setting is the MAC Instructor Computer, directing its sound to All Speakers.

You may choose to use all speakers, or pick specific ones, such as Front Speakers or Rear Speakers.

For example, you can select the MAC Instructor Computer and direct its sound to the Front Speakers, and also select the connected laptop and direct its sound to the Rear Speakers.